EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"10481811"	US-PGPUB; USPAT	OR	OFF	2008/02/04 08:06
L2	1	"10/481811"	US-PGPUB; USPAT	OR	OFF	2008/02/04 08:06
L3	2	"10/489811"	US-PGPUB; USPAT	OR	OFF	2008/02/04 08:07
L4	1	("6903085").PN.	USPAT; USOCR	OR	OFF	2008/02/04 08:10
L5	1	("7307090").PN.	USPAT; USOCR	OR	OFF	2008/02/04 08:12
L6	1	("7265222").PN.	USPAT; USOCR	OR	OFF	2008/02/04 08:12
L7	1	("7238691").PN.	USPAT; USOCR	OR	OFF	2008/02/04 08:13
L8	4	"2001077101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/04 08:27
L9	0	"20010077101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/04 08:27
L10	4	"2001077101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/04 08:27
L11	3	"01077101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/04 08:28
L12	0	"010077101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/04 08:28
L13	3044026	wo "2001077101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/04 08:28
L14	1	"wo 2001077101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/04 08:28
L15	1	("6903115").PN.	USPAT; USOCR	OR	OFF	2008/02/04 08:45
L16	1	("7179922").PN.	USPAT; USOCR	OR	OFF	2008/02/04 08:46

EAST Search History

L17	778	546/184.ccls.	US-PGPUB; USPAT	OR	OFF	2008/02/04 09:23
L18	45	546/184.ccls. and 546/186.ccls.	US-PGPUB; USPAT	OR	OFF	2008/02/04 09:23
L19	0	546/184.ccls. and 546/186.ccls. and piperdine	US-PGPUB; USPAT	OR	OFF	2008/02/04 09:23
L20	0	546/184.ccls. and 546/186.ccls. and piperdin?	US-PGPUB; USPAT	OR	OFF	2008/02/04 09:23
L21	2	546/184.ccls. and 546/186.ccls. and piper?	US-PGPUB; USPAT	OR	OFF	2008/02/04 09:23

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTASEL1626

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS 3	AUG 06	FSTA enhanced with new thesaurus edition
NEWS 4	AUG 13	CA/CAplus enhanced with additional kind codes for granted patents
NEWS 5	AUG 20	CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 6	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 7	AUG 27	USPATOLD now available on STN
NEWS 8	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 9	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 10	SEP 13	FORIS renamed to SOFIS
NEWS 11	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS 12	SEP 17	CA/CAplus enhanced with printed CA page images from 1967-1998
NEWS 13	SEP 17	CAplus coverage extended to include traditional medicine patents
NEWS 14	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 15	OCT 02	CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS 16	OCT 19	BEILSTEIN updated with new compounds
NEWS 17	NOV 15	Derwent Indian patent publication number format enhanced
NEWS 18	NOV 19	WPIX enhanced with XML display format
NEWS 19	NOV 30	ICSD reloaded with enhancements
NEWS 20	DEC 04	LINPADOCDB now available on STN
NEWS 21	DEC 14	BEILSTEIN pricing structure to change
NEWS 22	DEC 17	USPATOLD added to additional database clusters
NEWS 23	DEC 17	IMSDRUGCONF removed from database clusters and STN
NEWS 24	DEC 17	DGENE now includes more than 10 million sequences
NEWS 25	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS 26	DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS 27	DEC 17	CA/CAplus enhanced with new custom IPC display formats
NEWS 28	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS 29	JAN 02	STN pricing information for 2008 now available
NEWS 30	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS 31	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS 32	JAN 28	MARPAT searching enhanced
NEWS 33	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS 34	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 35	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 07:33:09 ON 04 FEB 2008

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 07:33:20 ON 04 FEB 2008

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 FEB 2008 HIGHEST RN 1001389-12-3
DICTIONARY FILE UPDATES: 3 FEB 2008 HIGHEST RN 1001389-12-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

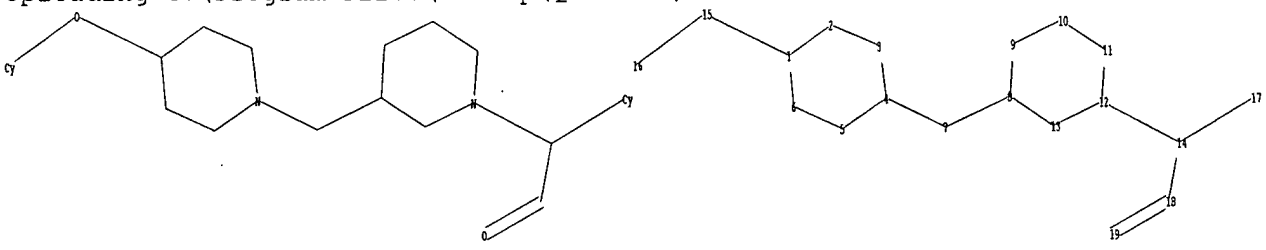
TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10508331.str

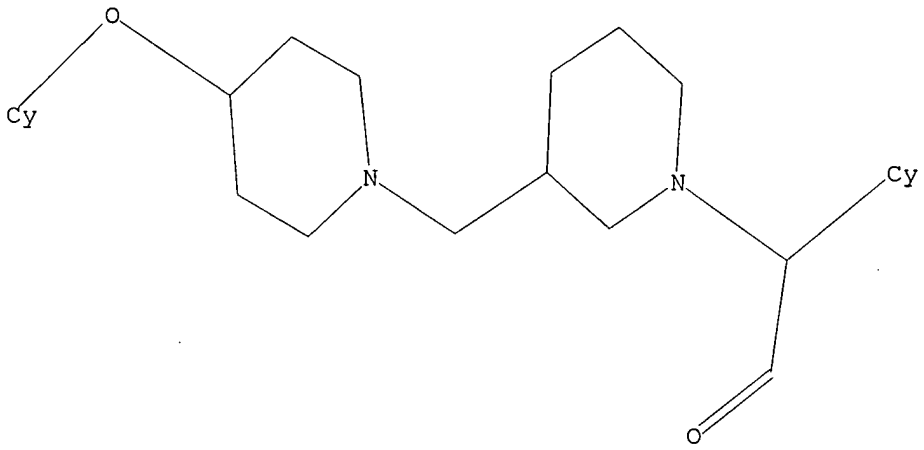


chain nodes :
7 14 15 16 17 18 19
ring nodes :
1 2 3 4 5 6 8 9 10 11 12 13
chain bonds :
1-15 4-7 7-8 12-14 14-17 14-18 15-16 18-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13
exact/norm bonds :
1-2 1-6 1-15 2-3 3-4 4-5 4-7 5-6 8-9 8-13 9-10 10-11 11-12 12-13
12-14 14-17 15-16 18-19
exact bonds :
7-8 14-18

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:Atom 17:Atom 18:CLASS 19:CLASS

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 07:33:31 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 61 TO ITERATE

100.0% PROCESSED 61 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 752 TO 1688
PROJECTED ANSWERS: 0 TO 0

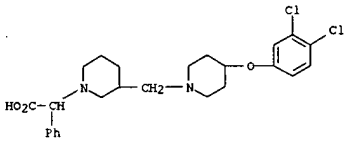
L2 0 SEA SSS SAM L1

```
=> s l1 full
FULL SEARCH INITIATED 07:33:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      1264 TO ITERATE

100.0% PROCESSED     1264 ITERATIONS                                  3 ANSWERS
SEARCH TIME: 00.00.01

L3            3 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     178.36     178.57

FILE 'CAPLUS' ENTERED AT 07:33:36 ON 04 FEB 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)


Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN.  Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 4 Feb 2008  VOL 148 ISS 6
FILE LAST UPDATED: 3 Feb 2008  (20080203/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> s l3
L4            2 L3

=> d ibib abs hitstr tot
```

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1016895 CAPLUS
DOCUMENT NUMBER: 143:415586
TITLE: G-Protein-Coupled Receptor Affinity Prediction Based on the Use of a Profiling Dataset: QSAR Design, Synthesis, and Experimental Validation
AUTHOR(S): Rolland, Catherine; Gozalbes, Rafael; Nicolaie, Eric; Paugam, Marie-France; Coussy, Laurent; Barbosa, Frederique; Horvath, Dragos; Revah, Frederic
CORPORATE SOURCE: Cerep, Rueil-Malmaison, 92500, Fr.
SOURCE: Journal of Medicinal Chemistry (2005), 48(21), 6563-6574
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

AB A QSAR model accounting for "average" G-protein-coupled receptor (GPCR) binding was built from a large set of exptl. standardized binding data (1939 compds. systematically tested over 40 different GPCRs) and applied to the design of a library of "GPCR-predicted" compds. Three hundred and sixty of these compds. were randomly selected and tested in 21 GPCR binding assays. Positives were defined by their ability to inhibit by more than 70% the binding of reference compds. at 10 μM. A 5.5-fold enrichment in positives was observed when comparing the "GPCR-predicted" compds. with 600 randomly selected compds. predicted as "non-GPCR" from a general collection. The model was efficient in predicting strongest binders, since enrichment was greater for higher cutoffs. Significant enrichment was also observed for peptidic GPCRs and receptors not included to develop the QSAR model, suggesting the usefulness of the model to design ligands binding with newly identified GPCRs, including orphan ones.

IT 868056-91-1
RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(QSAR design, synthesis, and exptl. validation of G-protein-coupled receptor affinity prediction based on use of a profiling dataset)
RN 868056-91-1 CAPLUS
CN 1-Piperidineacetic acid, 3-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-α-phenyl- (CA INDEX NAME)



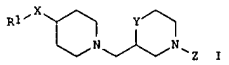
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2003:757677 CAPLUS
DOCUMENT NUMBER: 139:276907
TITLE: Preparation of 1-(piperidin-3-ylmethyl)piperidines and 2-(piperidin-1-ylmethyl)morpholines as modulators of chemokine receptor activity
INVENTOR(S): Luckhurst, Christopher; Perry, Matthew; Sanganee, Hitesh; Springthorpe, Brian
PATENT ASSIGNEE(S): Astrazeneca AB, Swed.
SOURCE: PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

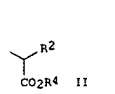
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003078395	A1	20030925	WO 2003-SE443	20030317
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003212770	A1	20030929	AU 2003-212770	20030317
EP 1487793	A1	20041222	EP 2003-708799	20030317
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005526087	T	20050902	JP 2003-576401	20030317
US 2005176708	A1	20050811	US 2004-508331	20040917
PRIORITY APPLN. INFO.:			SE 2002-844 A	20020319
			WO 2003-SE443 W	20030317

OTHER SOURCE(S): MARPAT 139:276907
GI

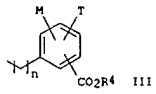
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



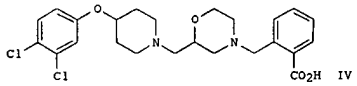
I



II



III

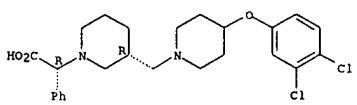


IV

AB The title compds. [I; Z = II or III; n = 0-1; X = CH2, CO, O, S, SO, SO2, NR3; Y = O, CH2; R1 = H, alkyl, aryl, heteroaryl; R2 = (un)substituted cycloalkyl, cycloalkenyl, aryl or heterocyclyl; R3 = H, alkyl, Ph, etc.; R4 = H, alkyl, CH2Ph; M, T = H, halo, CN, etc.;], useful in the treatment of a chemokine (such as CCR3) or H1 mediated disease state, were prepared Thus, reacting 2-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-2(S)-morpholine with 2-carboxybenzaldehyde in the presence of NaBH(OAc)3 and AcOH in THF afforded (2R)-IV which showed pKi of 7.5 in histamine H1 receptor binding assay. The compds. I were also found to be antagonists of the eotaxin mediated human eosinophil chemotaxis. Pharmaceutical composition comprising the compound I was claimed.

IT 606139-39-3P 606139-40-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 1-(piperidin-3-ylmethyl)piperidines and 2-(piperidin-1-ylmethyl)morpholines as modulators of chemokine receptor activity)
RN 606139-39-3 CAPLUS
CN 1-Piperidineacetic acid, 3-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-α-phenyl-, (αR,3R)-rel- (CA INDEX NAME)

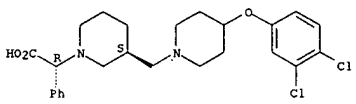
Relative stereochemistry.



RN 606139-40-6 CAPLUS
CN 1-Piperidineacetic acid, 3-[[4-(3,4-dichlorophenoxy)-1-piperidinyl]methyl]-

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
α-phenyl-, (αR,3S)-rel- (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT